

SUOMALAISEN ELÄIN- JA KASVITIEDELLISEN SEURAN VANAMON
KASVITIEDELLISIÄ JULKAISUJA
Osa 10. N:o 4.

ANNALES BOTANICI SOCIETATIS ZOOLOGICÆ-BOTANICÆ FENNICÆ VANAMO
Tom. 10. N:o 4.

BASIDIOMYCETES NOVI
RARIORESQUE IN FENNIA COLLECTI

SCRIPTISIT

MATTI LAURILA

2 figurae

Suomenkielinen selostus:
Uusia ja harvinaisia basidiosieniä Suomesta

HELSINKI 1939



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HELSINGIAE 1939
TYPIS SOCIETATIS LITTERARUM FENNICAE

PRAEFATIO.

Basidiomycetes infra enumerati ab auctore annis 1934–37 praesertim in provinciis Rt, St, Kb et Ks collecti sunt et in herbario meo atque pro parte etiam in herbario Musei Botanici Universitatis Turkuënsis asservantur. Species ordinatae sunt secundum systemam BOURDOTI et GALZINI, quae in opere classico eorum »Hyménomycètes de France» proposita est.

Benevolentia eximia praefectorum museorum variorum mihi contigit specimina fungorum criticorum comparisonis causa inspicere et examinare. Praeter Herbarium Karstenii (Helsinki) ex herbariis sequentibus specimina accepi: Herbarium Bresadolae et Herbarium Romellii (Stockholm), Herbarium Musei Botanici in Uppsala et herbarium privatum cel. d:ris L. E. KARI (Turku).

In praeparatu manuscripti cel. domini I. HILTUNEN et H. EDELMANN auxilium gratum dederunt.

Turku, Kalend. April., a.D. MCMXXXVIII

AUCTOR

- Obs. 1. Species Fenniae novae astro (*) designatae sunt.
Obs. 2. Rt = Regio turkuënsis Kl = Karelia ladogensis
St = Satakunta Kb = Karelia borealis
Ta = Tavastia australis Ks = Kuusamo

AURICULARIALES

**Helicobasidium purpureum* Pat.

St: K a n k a a n p ä ä, Venesjärvi, Sinahmi, ad ramulum putrescentem *Piceae excelsae*, 12. VI. 1937. — Ks: K u u s a m o, ad septentrionem versus ab lacu Paanajärvi, Nuottilampi, ad ramulum putrescentem *Lonicerae coeruleae*, 20. VI. 1937.

Herpobasidium filicinum (Rostr.) Lind, Ark. f. Bot., 7, n:o 8, 1908, p. 7.

Ks: S a l l a, Nivajärvi, in foliis vivis *Cystopteridis montanae*, 3. VIII. 1937.

**Platyglœa Peniophorae* B. et G., Hym. de Fr., 1928, p. 13.

Rt: T u r k u, Ruissalo, in hymenio *Gloeocystidii praetermissi* ad ramum desiccatum *Quercus roboris* crescentis, 9. IX. 1937.

TREMELLALES

Ditangium insigne Karst., Hattsv., II, 1882, p. 204.

Ks: K u u s a m o, ad septentrionem versus ab lacu Paanajärvi, Helotuksenkuru, 9. VIII. 1937; S a l l a, Auhtijärvi, 28. VI. 1937, inter lacus Auhtijärvi et Hosijärvi, Painotunturinlampi, 2. VII. 1937, ad flumen Kutsajoki, Nivajärvi et Jyrhämäjärvi, 25. VII. 1937.

Semper ad *Piceam excelsam*, praesertim ad caudices corticatos prolapsosque in silvis virgineis crescit. Forsan species biologica, distributione geographica et matrice valde a *D. Cerasi* (Schum.) differens, sed characteribus microscopicis sat bene cum eo congruens.

**Sebacina strigosa* B. et G. f. *salicina* B. et G., Hym. de Fr., 1928, p. 38.

Rt: K a r j a l o h j a, prope praedium Maila, ad lignum infra ramum crassum deciduum *Ulm*i, 2. X. 1937.

**Sebacina epigaea* (Berk. et Br.) B. et G., Hym. de Fr., 1928, p. 39.

St: K a n k a a n p ä ä, Venesjärvi, Sinahmi, in petiolis foliorum putrescentium *Struthiopteridis filicacstri*, 1. IX. 1936.

**Sebacina uvida* (Fr.) Bres.

Rt: Karjalohja, Maila, *Ulmus*, 2. X. 1937 (ad *S. grisea* m Bres. vergens). – St: Noormarkku, Sulkjärvi, *Tilia cordata*, 9. VI. 1937, Poosjärvi, *Ribes alpinum*, 13. VI. 1937.

**Sebacina peritricha* B. et G., Hym. de Fr., 1928, p. 44.

Rt: Karjalohja, Maila, *Sorbus aucuparia*, 2. X. 1937.

Sebacina calcea (Pers.) Bres. – Syn. *Xerocarpus farinellus* Karst.

Rt: Rymättylä, Pakinainen, Pähkinäinen, *Picea excelsa*, 17. V. 1937. – St: Noormarkku, Poikeljärvi, *Picea excelsa*, 18. XI. 1937.

**Bourdotia cinerea* (Bres.) B. et G., Hym. de Fr., 1928, p. 49.

St: Siikainen, Vuorijärvi, *Alnus glutinosa*, 3. VI. 1937.

**Heterochaetella dubia* B. et G., forma ad var. *mesochaeta* m B. et G., Hym. de Fr., 1928, p. 52 vergens.

Rt: Lohja, Orsnäs, ad lignum trunci dejecti *Piceae excelsae*, 1. X. 1937.

TULASNELLALES

Tulasnella violea (Quel.) B. et G. – Syn. *Corticium roseolum* Karst. sec. v. H. et L.

Rt: Karjalohja, Karkalinniemi, *Betula*, 3. X. 1937. – St: Siikainen, Vuorijärvi, *Betula*, 27. II. 1937; Kankaanpää, Venesjärvi, *Betula*, 26. II. 1937.

DACRYOMYCETALES

**Dacryomyces ovisporus* Bref.

Rt: Turku, Hirvensalo, ad ramum deciduum decorticatumque *Pini silvestris*, 12. IX. 1937.

Sporae ovoideae, apiculatae, hyalinae, laeves, simplices, transversaliter 1-septatae vel areolatae, 12–17 × 10–14 μ. Basidia elongata, furcata, c. 60 × 6–9 μ, 2-sterigmatibus crassit. c. 3.5 μ. Hymenium e basidiis et hyphis sterilibus, 1–3 μ crassis subsimplicibusque constat. Hyphae 1–2 μ crassae, subhyalinae – flavescens, laeves, nudaе, membranis laeviter incrassatis, septato-nodosae, sat crebre ramosae, laxè irregulariter intricatae.

Species rarissima, antea tantum in Germania a cel. Brefeld et in Suecia a cel. Nannfeldt collecta.

**Dacryomyces punctiformis* Neuha., Ark. f. Bot., 28, n:o 1, 1936, p. 45.

St: Siikainen, Vuorijärvi, 1. III. 1937; Kankaanpää, Pieni Madesjärvi, 16. VIII. 1936. – Ad ramos decorticatos *Pini silvestris*.

**Dacryomyces Romellii* Neuha., ibid., p. 47.

St: Siikainen, Vuorijärvi, ad ramum putrescentem *Pini silvestris*, 3. VI. 1937; Kankaanpää, Venesjärvi, ad lignum infra caudicem tenuem *Pini silvestris* dejectae, 21. VI. 1935.

**Dacryomyces lutescens* Bref.; Neuha., ibid., p. 42.

Rt: Turkku, Ruissalo, *Quercus robur*, 3. V. 1937; Rusko, Pomporahka, *Salix*, 14. V. 1936. — St: Siikainen, Vuorijärvi, *Populus tremula*, 31. V. 1936 et 8. VI. 1937.

Dacryomyces conformis (Karst.) Neuha., ibid., p. 44. — Syn. *Ditiola conformis* Karst., Hattsv., II, 1882, p. 203; *Guepinia conformis* Karst., Bidr. känn. Finl. nat. o. folk, 62, 1903, p. 100; *Femsjonina pezizaeformis* Karst., Myc. Fenn., III, 1876, p. 253.

St: Noormarkku, Poosjärvi, ad caudicem *Coryli avellanae* dejectae, 23. IX. 1937.

APHYLLOPHORALES

Clavariaceae

Clavaria ochraceo-virens Jungh. — Syn. *C. abietina* Pers. (non Fr.)

Rt: Lohja, Orsnäs, ad frustula decidua in piceeto declivi, 1. X. 1937.

Clavaria epichnoa Fr.; Bourd., Bull. Soc. Mycol. de France, 48, 1932, p. 208.

Rt: Turkku, Pahaniemi, ad truncum cariosum *Piceae excelsae*, 6. X. 1935. — St: Noormarkku, Sulkjärvi, ad caudices dejectos cariososque *Sorbi aucupariae* et *Betulae*, 20. IX. 1937.

Clavaria pyxidata Pers.

Rt: Kaarina, Littoinen, *Populus tremula*, 4. X. 1935. — St: Noormarkku, Sulkjärvi, *Populus tremula*, 13. VIII. 1935; Siikainen, Vuorijärvi, *Populus tremula*, 6. IX. 1935 et *Betula*, 1. IX. 1937.

Sporae $3.5 - 4.5 \times 2 - 2.5 \mu$, oblongo-ellipticae, lateribus \pm applanatis, basi oblique apiculatae, hyalinae, laeves, tenuiter tunicatae, eguttulatae. Basidia laeviter conglutinata, membranis non distinctis. Hyphae subhymeniales, indistinctae, crebre irregulariter intricatae. Hyphae trumae ad basim carposomatis $3 - 15 \mu$ crassae, fusciscentes, tenuiter tunicatae vel membranis laeviter incrassatis, laeves, subarticulato-septatae, ad septa nodosae, irregulariter minus dense intricatae. Hyphae trumae ad apices carposomatis versus indistinctae, saepe conglutinatae. Hyphae lactiferae frequentes, $4 - 12 \mu$ crassae, plasma oleosa vel granulosa subhyalinaque farctae et in gloeocystidia subcylindrica, $60 - 75 \times 3 - 5 \mu$, in hymenio immersa, transientes.

**Clavaria fumosa* Pers., B. et G., Hym. de Fr., 1928, p. 119.

St: Kankaanpää, Luomajärvi, inter muscos iuxta semitam in declivo subumbroso silvae *Picea* mixtae, 5. VIII. 1936.

Clavaria mucida Pers., Bourd., Bull. Soc. Mycol. de France, 48, 1932, p. 209.

St: Noormarkku, Sulkjärvi, ad lignum cariosissimum caudicis *Betulae* prolapsae, 20. VIII. 1937; Kankaanpää, Luomajärvi, in terra ad semitam graminosam in pineto sicco, 29. VIII. 1936.

Algae chlorococcoideae(?) in eodem substrato semper inveniuntur et forsán functionem gonidiorum habent.

**Pterula subulata* Fr. – Syn. ? *P. multifida* Fr.

Rt: Lohja, Orsnäs, in piceeto ad ripam nemorosam, 1. X. 1937.

Sporae $6-7 \times 2.5-3.5 \mu$, oblongae, lateribus applanatis, basi longe, oblique apiculatae. *Hyphae* $2-4 \mu$ crassae, hyalinae, tenuiter tunicatae, septatae.

Corticiaceae

Cyphelleae

Cyphella erucaeformis (Batsch) Fr. – Syn. *C. albissima* Pat. et Doass., B. et G., Hym. de Fr., 1928, p. 159; *C. albocarnea* Quél., Pilat, Ann. Myc., 23, 1925, p. 160, quo descriptio bona!; *C. eumorpha* Karst., Bidr. känn. Finl. nat. o. folk, 51, 1892, p. 225!

Rt: Kaarina, Littoinen, 5. V. 1937. – St: Noormarkku, inter lacus Sulkjärvi et Torajärvi, 20. VIII. 1937; Kankaanpää, Venesjärvi, 3. VIII. 1935. – Ad lignum durum, raro ad corticem in ramis desiccatis vel deciduis *Populi tremulae*.

**Solenia poriaeformis* (DC) Fuck.; B. et G., Hym. de Fr., 1928, p. 163.

Rt: Karjalohja, Karkalinniemi, infra caudicem decorticatum *Sorbi aucupariae* prolapsae, 3. X. 1937.

S. poriaeformis, sensu Karstenii, ad *S. anomalam* pertinet.

Porothelium fimbriatum (Pers.) Fr.

Rt: Turku, Ruissalo, *Quercus robur*, 19. IX. 1936.

Corticieae

**Corticium hiemale* M. Laur. sp. n.

Effusum, tenue, ceraceo-submembranaceum, primitus arcte adhaerens, deinde saepe facilius in partibus separabile, cremeo-alutaceum, ambitu similari tenuescens vel passim subtiliter albo-pubescente. *Hymenium laeve*,¹ glabrum, contiguum, vetustum partim rimosum.

Sporae magnae, regulariter globosae, apiculatae, hyalinae, laeves, tenuiter tunicatae, $9-12 \mu$. *Basidia* valde laxè distributa, primum conspecte ovata, deinde parte superiore subcylindrica, basi dilatata, c. $40-50 \times 11-16 \mu$, 4-sterigmatibus laeviter arcuatis, subulatis, $15-18 \mu$ longis et ad 3μ crassis. *Trama* crassit. c. 90μ . *Hyphae* laxè irregulariter intricatae, saepe laeves, non incrustatae, tenuiter tunicatae, crebre ramosae, septatae, ad septa rarius nodosae, $1.5-3 \mu$ crassae.

Hab. in ligno et cortice and ramos desiccatos arborum aciculosarum in provincia Satakunta Fenniae occidentalis, hieme, leg. Matti Laurila.

St: K a n k a a n p ä ä, Venesjärvi, Kiimahohka, *Picea excelsa*, 1. II. 1936 (typus); Siikainen, Vuorijärvi, Itä-Suomilampi, *Pinus silvestris*, 1. III. 1937.

Species insignis, nullae speciei mihi cognitae affinis.

Corticium pelliculare Karst., B. et G., Hym. de Fr., 1928, p. 191.

St: N o o r m a r k k u, Poosjoki, Enträskijärvi, infra trabem putrescentem *Pini silvestris*, 25. IX. 1937.

var. *merulioides* B. et G., Hym. de Fr., 1928, p. 192.

St: N o o r m a r k k u, Sulkjärvi, ad trabes pineas horrei destructi vetusti, 5. VI. 1936.

**Corticium violascens* Fr.

St: N o o r m a r k k u, inter lacus Sulkjärvi et Torajärvi, *Alnus*, 5. IX. 1936, Poosjärvi, *Betula*, 15. IX. 1937 et Poosjoki, Enträskijärvi, *Picea excelsa*, 25. IX. 1937. – Ad lignum putridissimum infra caudices dejectos crescit.

**Corticium Galzini* Bourd.; B. et G., Hym. de Fr., 1928, p. 194.

St: N o o r m a r k k u, Poosjoki, Enträskijärvi, duobus locis, infra caudices decorticatos *Piceae excelsae* prolapsos, 25. IX. 1937.

Corticium microsporum (Karst.) B. et G., Hym. de Fr., 1928, p. 195.

Rt: T u r k u, Ruissalo, *Alnus glutinosa*, 9. IX. 1937. – St: N o o r m a r k k u, Poosjärvi, *Picea excelsa*, 15. IX. 1937; P o m a r k k u, Kynäsjoki, *Alnus incana*, 18. VIII. 1937. – Ks: K u u s a m o, Sovajoki, Tervajärvi, *Betula* et *Pinus silvestris*, 11. VII. 1937.

Corticium centrifugum (Lév.) Bres.

St: N o o r m a r k k u, Poosjärvi, *Picea excelsa*, 23. IX. 1937.

Corticium crustaceum Karst., Bidr. känn. Finl. nat. o. folk, 62, 1903, p. 93; v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1906, p. 1566; B. et G., Hym. de Fr., 1928, p. 211. – Syn. *Xerocarpus crustaceus* Karst.; *Corticium contiguum*, sensu Karstenii pro max. parte.

Effusum, sat tenue, ex albido calceum, primum crustaceo-aridum, arcte adhaerens, continuum vel rimulosum, deinde crassior, ceraceo-induratum, saepe late rimosum, margines rimarum plerumque substrato solventes, ambitu similari tenuescente. Hymenium glabrum, primum laeve, deinde vulgo tuberculis hemisphaericis dense ornatum.

Sporae semper copiosissimae, elliptico-oblongae – usque late ovoideae, saepe laeviter applanatae, non apiculatae, relative crasse tunicatae, hyalinae, laeves, $4-5 \times 3-4$ ($5-7 \times 3-4 \mu$). Basidia primum laze distributa, deinde in hymenio densa, $12-24 \times 5-6 \mu$, 4-sterigmatibus subulatis, rectis vel laeviter arcuatis, ad 4μ longis (in speciminibus vetustioribus usque $6-8 \times 2 \mu$). Trama crassit. c. $60-130 \mu$. Hyphae tramae valde indistinctae, conglutinatae, septatae, sed vix nodosae.

St: N o o r m a r k k u, Poosjärvi, *Corylus avellana*, 4. IX. 1937; K a n k a a n p ä ä, Venesjärvi, *Salix caprea*, 14. VI. 1935, Niinisalo, *Salix caprea*, 11. VIII. 1935, Santaskylä, *Salix caprea*, 11. VII. 1935 et Kirkonkylä, Jyränoja, *Prunus padus*, 13. VIII. 1936; Suodenniemi, Taipale, *Salix caprea*, 26. VIII. 1936. – Kb: P i e l i s j ä r v i, Louhivaara, *Salix caprea*, 6. et 8. VII. 1936. – Ks: K u u s a m o, ad septentrionem versus ab

Iacu Paanajärvi, Iso-Nuupajärvi, *Salix caprea*, 24. VI. 1937; Salla, Niluttijärvi, *Salix caprea*, 23. VII. 1937.

Specimina mea commemorata cum specimine originali optime concordant. Species adhuc parum cognita, solum e Fennia, Suecia et America boreali comperta. In Fennia non sit rara et praesertim in cortice, rarius in ligno ad caudices erectos vel dejectos *Salicis capreae* emortuos crescit. Etiam specimen originale a *Salice caprea* collectum est.

Corticium odoratum (Fr.) B. et G. — Syn. *Xerocarpus consobrinus* Karst., Acta Soc. F. Fl. Fenn., 27, n:o 4, 1905, p. 6.

St: Noormarkku, Sulkjärvi, *Pinus silvestris* et *Populus tremula*, 20. VIII. 1937; Pomarkku, Längelmäki, Püspanlampi, *Populus tremula*, 2. IX. 1937; Siikainen, Vuorijärvi, *Populus tremula*, 1. XI. 1937; Kankaanpää, Majajärvi, *Picea excelsa*, 23. VIII. 1937.

**Corticium portentosum* Berk. et Curt.

Rt: Karjalohja, Karkalinniemi, ad caudicem *Alni glutinosae* prostratae, 25. V. 1937.

**Corticium subpallidulum* Litsch., Sv. Bot. Tidskr., 32, 1938, p. 284. — Syn.; *C. calceum* sensu Burtii; *Peniophora calcea* Bourd., Bull. Soc. Mycol. de France, 48, 1932, p. 212.

Haec species verisimiliter in Fennia tota frequenter vel sat frequenter provenit. In provinciis Rt, St, Kb, et Ks legi. — Semper in ligno ad caudices dejectos et trabes *Pini silvestris* crescit.

**Corticium cretaceum* Rom. — Syn. *Peniophora cretacea* B. et G., Hym. de Fr., 1928, p. 288, praeter cystidia immersa; *P. Romellii* Litsch.; Bourd., Bull. Soc. Mycol. de France, 48, 1932, p. 212; *C. calceum* auct.

St: Siikainen, Vuorijärvi, 8. VI. 1937; Kankaanpää, Venesjärvi, 3. VI. 1936, Santaskylä, 9. VIII. 1936 et 22. VIII. 1937. — Ad trabes pineas.

**Corticium suecicum* Litsch. — Syn. *C. calceum* B. et G., Hym. de Fr., 1928, p. 237.

St: Siikainen, Vuorijärvi, 4. VI. et 6. IX. 1937. — Kb: Pielisjärvi, Louhivaara, 9. VII. 1936. — Ks: Kuusamo, Paanajärvi, Kyökäysvaara, 12. VII. 1937; Salla, ad flumen Tuntsa, prope Näppäränkeitonkoski, 19. VII. 1937. — Ad lignum *Pini silvestris*, rarius *Piceae excelsae*.

**Corticium subcoronatum* v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 822.

Verisimiliter in Fennia tota frequentissime provenit. Locis numerosissimis in provincia St legi; etiam in provinciis Rt et Ks a me collecta. — Ad caudices dejectos trabesque arborum aciculosarum et frondosarum variarum (tamen haud ad *Populum* et *Salicem*) in Fennia crescit.

**Corticium botryosum* Bres.; v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 833; B. et G., Hym. de Fr., 1928, p. 241.

Etiam species haec in Fennia sine dubio frequenter provenit, sed verisimiliter saepe in *C. coronatum* (Schroet.) transit.

In provinciis Rt, St et Ks a me collecta. — Ad caudices dejectos trabesque arborum aciculosarum, raro frondosarum crescit.

**Corticium coronatum* (Schroet.) v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 837; B. et G., Hym. de Fr., 1928, p. 241.

Rt: Karjalohja, Karkalinniemi, *Corylus avellana*, *Betula* et *Picea excelsa*, 3. X. 1937. - St: Noormarkku, Sulkjärvi, *Tilia cordata*, 20. VIII. 1937.

**Corticium flavesceus* (Bon.) Masseur; B. et G., Hym. de Fr., 1928, p. 239.

St: Noormarkku, Poosjärvi, *Populus tremula*, 25. VIII. 1937; Kankaanpää, Venesjärvi, Kiimahohka, *Picea excelsa*, 22. IX. 1937.

Gloeocystidium luridum (Bres.) v. H. et L.; B. et G., Hym. de Fr., 1928, p. 252.

St: Noormarkku, Sulkjärvi, *Salix caprea*, 28. VII. 1936 et Poosjärvi, *Populus tremula*, 23. IX. 1937. - Ks: Kuusamo, ad septentrionem versus ab lacu Paanajärvi, prope montem Helotuksentunturi, *Salix nigricans*, 23. VI. 1937.

In Fennia jam a. 1932 a cel. E. LEPIK in Lapponia petsamoënsi collecta (det. V. LITSCHAUER).

Sporae in speciminibus meis $12-14 \times 4-5 \mu$ vel $10-14 \times 5-7 \mu$; in specimine originali sec. BRESADOLAE $12-17 \times 6-8 \mu$; sec. B. et G. $7-9-12 \times 4-6 \mu$.

Gloeocystidium lividocetruleum (Karst.) v. H. et L.

St: Pomarkku, Valkjärvi, ad asserem cariosum *Piceae excelsae* in saepe, 24. VIII. 1936; Kankaanpää, Venesjärvi, infra trabem cariosam pineam in tecto horrei vetusti, 28. VIII. 1935.

Gloeocystidium Karstenii B. et G., Hym. de Fr., 1928, p. 254.

St: Noormarkku, Poosjoki, ad ramum desiccatum *Populi tremulae*, 24. VIII. 1937. - Ks: Salla, Auhtijärvi, Yli-Näätäjärvi, ad caudicem basalem *Populi tremulae* prolapsae, 28. VI. 1937.

Species rarissima, antea solum eloco classico in Ta. Tammela, Mustiala a P. A. KARSTEN anno 1873 collecta. Specimina mea cum specimine originali ceterum bene concordant, sed forsane colore hymenii minus ochraceo parum discrepant.

**Gloeocystidium tenue* (Pat.) v. H. et L.; B. et G., Hym. de Fr., 1928, p. 256.

St: Kankaanpää, Venesjärvi, *Pinus silvestris*, 27. II. 1937.

**Gloeocystidium inaequale* v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 826; B. et G., Hym. de Fr., 1928, p. 257.

St: Noormarkku, Poikeljärvi, *Populus tremula*, 48. IX. 1937; Siikainen, Vuorijärvi, *Alnus glutinosa*, 3. VI. 1937.

**Gloeocystidium pallidum* (Bres.) v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 838.

Rt: Turku, Ruissalo, ad ramum dejectum *Betulae*, 19. IX. 1936.

**Gloeocystidium Sernanderi* Litsch., Sv. Bot. Tidskr., 25, 1931, p. 435.

St: Siikainen, Vuorijärvi, supra hymenium *Inonoti obliqui* ad truncum erectum et altum *Betulae* magnae emortuae, 1. III. 1937 et in hymenio *Ungulinae fomentarii*, 2. III. 1937.

Gloeocystidia in hymenio valde laxè distributa, ceterum specimina mea cum descriptione LITSCHAUERI bene conveniunt.

**Gloeocystidium ochraceum* (Fr.) Litsch.; B. et G., Hym. de Fr., 1928, p. 266.

St: Noormarkku, Poosjärvi, *Picea excelsa*, 15. IX. 1937; Kankaanpää, Venesjärvi, *Picea excelsa*, 30. VII. 1936.

**Peniophora argillacea* Bres.; B. et G., Hym. de Fr., 1928, p. 279. — Syn. *P. subtilis* (Schroet.) v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 837.

Effusa, tenuis, submembranaceo-porosa, adhaerens, albida, ambitu similari. Sporae elliptico-applanatae 7–8 (–9) × 4–5 μ, decolores, laeves, basi oblique apiculatae. Basidia 24 × 5–6 μ, 4-sterigmatibus 3–5 μ longis. Cystidia subulato-fusoidea, flexuosa, hyalina, laevia, non incrustata, tenuiter tunicata, basi saepe ampullaceoinflata, 100–160 × 8–10 μ, basi carssit. 12–17 μ, vulgo longe prominente, parte prominula c. 70–90 μ. Hyphae subhymeniales indistinctae, conglutinatae. Hyphae tramae distinctae, articulatoseptatae, ad septa saepe nodosae, interdum laeviter inflatae, tenuiter tunicatae, c. 3–5 μ crassae.

Ks: Salla, Vuorijärvi, Pyhäkuru, ad lignum infra caudicem *Piceae excelsae* prolapsae in nemore, 5. VIII. 1937.

**Peniophora carneola* Bres.; B. et G., Hym. de Fr., 1928, p. 279.

Rt: Karjalohja, Karkalinniemi, *Betula*, 3. X. 1937. — St: Noormarkku, Poosjoki, Enträskijärvi, *Populus tremula*, 25. IX. 1937. — Ad lignum cariosum infra caudices dejectos.

**Peniophora vilis* B. et G., Hym. de Fr., 1928, p. 282.

St: Noormarkku, Poosjoki, Enträskijärvi, infra caudicem cariosum, decorticatumque *Pini silvestris* prolapsae, 25. IX. 1937.

**Peniophora livida* (Fr.) Burt, Ann. Miss. Bot. Gard., 12, 1925, p. 239; B. et G., Hym. de Fr., 1928, p. 283.

Kb: Ilomantsi, Koitere, Rännänsaari, ad lignum infra caudicem *Populi tremulae* dejectae, 16. VII. 1936.

**Peniophora glebulosa* (Fr.) Bres.

Rt: Turku, Hirvensalo, *Pinus silvestris*, 12. IX. 1937. — St: Siikainen, Vuorijärvi, *Pinus silvestris*, 5. VI. 1937; Noormarkku, Poosjärvi, *Corylus avellana*, 23. IX. 1937; Kankaanpää, Venesjärvi, *Betula*, 12. VI. 1937 et *Alnus incana*, 14. VIII. 1936, Luomajärvi, *Pinus silvestris*, 17. VI. 1935 et 15. VIII. 1936, Santaskylä, *Salix caprea*, 22. VIII. 1937. — Ks: Kuusamo, ad septentrionem versus ab lacu Paanajärvi, Iso-Nuupajärvi, *Picea excelsa*, 24. VI. 1937 et Iso-Pöppölampi, *Betula*, 6. VII. 1937.

**Peniophora propinqua* B. et G., Hym. de Fr., 1928, p. 288.

St: Noormarkku, inter lacus Sulkjärvi et Torajärvi, 20. IX. 1937; Kankaanpää, Luomajärvi, 4. VI. et 1. IX. 1937. — Ks: Kuusamo, Paanajärvi, Lautavaara, 11. VII. 1937; Salla, Sieminkijoki, 27. VII. 1937. — In ligno ad caudices dejectos *Pini silvestris*.

Species haec – saltem sensu meo – saepe transit in *P. glebulosam*, a qua fere tantum cystidis vulgo apice incrustatis, magis attenuatis, non cylindricis, minus longis et crassioribus distat.

Peniophora subalutacea (Karst.) v. H. et L.

St: Noormarkku, Poosjärvi, *Corylus avellana*, 4. IX. 1937; Poormarkku, Kynäsijoki, *Alnus incana*, 18. VIII. 1937 (f. *tenuior* B. et G.); Siikainen, Vuorijärvi, *Betula*, 17. IX. 1937; Kankaanpää, Venesjärvi, *Pinus silvestris*, 28. VIII. 1937.

Peniophora convolvens Karst., Finl. Basidsv., 1889, p. 424; v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1906, p. 1551. – Syn. *Corticium convolvens* Karst., Hattsv., II, 1882, p. 148; Massee, Mon. Theleph., II, 1889, p. 133; *Gloeocystidium convolvens* B. et G., Hym. de Fr., 1928, p. 254.

Late effusa, sat crassa, ceraceo-mollis, impure albidula, subcinerascens vel cremeo-subincarnata, primum arcte adhaerens, deinde vulgo secedens et late rimosa, margines rimarum plerumque substrato solventes et saepe subinvolutae, ambitu similari vel subtiliter albopubescente. Hymenium subnudum, primum laeve, deinde vulgo papillis hemisphaericis dense ornatum.

Sporae copiosae, ellipticae, vir applanatae. I-guttulatae, hyalinae, laeves, $4-6 \times 2.5-3 \mu$. Basidia crassit. $4-5 \mu$, 4-sterigmatibus ad 3μ longis. Cystidia huius speciei valde multiformia sunt, modo Peniophorarum nonnullarum aliarum (velut *P. incarnatae*). Cystidia vera sat crebra, subfusioidea, apicibus sat obtusis, hyalina, laevia, nuda, membranis incrassatis, $40-60 \times 4-9 \mu$, usque 40μ prominentia et ibi saepe quasi 2-4-septata, pro maxima parte tamen in trama immersa et vulgo aseptata. Rarius cystidia membranas incrustatas habent et tum usque 15μ crassa. *Gloeocystidia* crebra, in trama immersa, numquam prominentia, oblongo-subcylindrica, plasma oleosa subhyalina vel demum granulosa farta, $40-120 \times 4-10 \mu$. Haec omnes formae cystidiorum in eodem specimine (etiam in specimine originali) interdum observantur. Interdum tantum *gloeocystidia* adsunt (*Gloeocystidium convolvens* B. et G.). Trama crassit. $150-300 \mu$. Hyphae tramar superioris et mediae valde indistinctae, conglutinatae. Hyphae basales semper valde distinctae, $2-4 \mu$ crassae, hyalinae, laeves, nudaе, sat tenuiter tunicatae, sublaeve intextae, septatae, ad septa non nodosae, saepe in *gloeocystidia* oblonga inflatae.

Rt: Karjalohja, Karkulinniemi, *Corylus avellana*, 3. X. 1937. – St: Noormarkku, Poosjärvi, *Sorbus aucuparia*, 23. IX. 1937, Poikelijärvi, *Betula* et *Picea excelsa*, 18. IX. 1937; Siikainen, Vuorijärvi, Vääräneva, *Alnus incana*, 6. IX. 1937 et Itä-Suomilampi, *Alnus glutinosa*, 1. IX. 1937. – Ad lignum et corticem infra caudices dejectos.

Specimina mea commemorata cum specimine originali in herb. Karstenii optime conveniunt.

Peniophora Lundellii, species recens a cel. V. LITSCHAUER in Sv. Bot. Tidskr., 32. 1938, p. 288 exacte descripta, sine dubio cum specie nostra est identica.



Fig. 1. *Peniophora convolvens* Karst. Cystidia varia. – Auctor del.

**Peniophora pallidula* Bres.; B. et G., Hym. de Fr., 1928, p. 296.
St: Siikainen, Vuorijärvi, ad caudicem cariosum et decorticatum
Betulae prolapsae, 6. IX. 1937.

Peniophora rudis (Karst.) B. et G., Hym. de Fr., 1928, p. 302. –
Syn. *P. subcremea* v. H. et L. sec. Litsch.

Ks: Salla, Nivajärvi, ad caudicem corticatum *Piceae excelsae* magnae,
prolapsae in piceis virginis, 3. VIII. 1937.

Peniophora cremea Bres. – Syn. ? *P. sordida* (Karst.) Burt; *Corticium*
laevissimum Karst. pro parte, sec. B. et G.

St: Noormarkku, Sulkjärvi, *Populus tremula*, *Salix caprea* et *Pinus*
silvestris, 20. VIII. 1937, Poosjärvi, *Corylus avellana*, 4. IX. 1937, Poikel-
järvi *Populus tremula* et *Alnus glutinosa*, 18. IX. 1937; Siikainen,
Haapakoski, *Alnus glutinosa*, 3. VIII. 1936, Vuorijärvi, *Populus tremula* et
Betula, 6. IX. 1937; Kankaanpää, Venesjärvi, *Pinus silvestris*, 14.
VIII. 1937, Luomajärvi, *Populus tremula*, 1. IX. 1937.

Peniophora laevis (Fr.) Burt. – Syn. *Corticium calotrichum* Karst.
sec. v. H. et L.

Verisimiliter in Fennia tota frequens. In provinciis Rt. St. Kb et Ks legi.

[*Kneiffia latitans* Karst., Bidr. känn. Finl. nat. o. folk, 51, 1892,
p. 222. – Syn. *Corticium latitans* Karst.; Massee, Mon. Theleph., II, 1889,
p. 156; *Peniophora latitans* v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1906, p. 1554.

Specimen originale solum *Peniophora setigera* (Fr.) Bres. est. Ad *Penio-
phoram setigeram* etiam *Kneiffia sera* Karst., Finl. Basidsv., 1889, p. 370.
pertinet.]

**Peniophora mutata* (Peck) Bres.

Rt: Turku, Ruissalo, ad caudicem obliquum *Sorbi aucupariae* semimor-
tuae, 10. IX. 1937. – St: Siikainen, Vuorijärvi, ad ramos *Betulae*
magnae prolapsae, 2. III. 1937.

**Peniophora heterogenea* B. et G., Hym. de Fr., 1928, p. 314.

Rt: Lohja, Orsnäs, ad lignum trunci dejecti *Piceae excelsae*, 1. X. 1937.

Species haec cystidis suis conspectis sporisque amyloideis optime
distincta.

Peniophora pubera (Fr.) Sacc. – Syn. ? *Peniophorella pubera* Karst.;
Peniophora puberula (Karst.) Sacc.

St: Siikainen, Vuorijärvi, Itä-Suomilampi, ad lignum infra caudicem
Alni glutinosae prolapsae, 1. IX. 1937.

**Peniophora fraxinea* (Pers.) Lill., Lundell et Nannf., Fungi exsicc.
Succ., 1934, n:o 84. – Syn. *Peniophora cinerea* var. *interrupta* Pers.; *P. cor-
ticalis* var. *ciliata* B. et G.

Rt: Turku, Ruissalo, ad ramum desiccatum *Fracini excelsioris*, 9. IX.
1937.

**Peniophora septentrionalis* M. Laur. sp. n.

Resupinata, primum orbicularis, deinde confluens et irregulariter
effusa, coriaceo-indurata, pulchre roseo-lilascens, subtilis fusco-

nigricans. Hymenium contiguum, non rimosum, sub lente subpruinatum, superficie inaequali. Margo primum conspecte radialiter albobibrillosus et arcte adnatus, deinde mox similis et substrato solvens usque passim subinvolutus.

Sporae cylindricae, laeviter arcuatae, $6-9 \times 2-3 \mu$, hyalinae, laeves. Basidia subclavata, hyalina, $20-25 \times 4-6 \mu$, 4-sterigmatibus rectis, ad 5μ longis. Cystidia immersa vel raro emergentia, hyalina vel fusciscentia, versiformia, subfusioidea, oblongo-ovata vel subcylindrica, $30-75 \times 5-15 \mu$, superiora acutata, tenuiter tunicata, vix incrustata, inferiora latiora, crasse tunicata, lumine saepe angustissimo, membrana rugulosa. Trama crassit. c. $200-400 \mu$. Hyphae subhymeniales et tramae superioris crebre verticaliter intextae, fusciscentes. Hyphae basales et tramae mediae sat crebre substrato parallele intextae, distinctae, hyalinae, vel laeviter fusciscentes, membranarum parum incrassatis, laeves, non incrustatae, septato-nodosae, $1.5-3 \mu$ crassae.

Hab. ad. caudices corticatos dejectos *Piceae exelsae* in silvis virginicis provinciae Kuusamo in Fennia boreali, aestate, leg. Matti Laurila.

Ks: Kuusamo, in deserto silvoso ad septentrionem versus ab lacu Paanajärvi, inter lacus Nuottilampi et Torasjärvi, 19. VI. 1937 (typus), Iso-Nuupajärvi, 24. VI. 1937; Salla, Auhtijärvi, Yli-Näätäjärvi, 28. VI. 1937 (Liro, Mycoth. Fenn., ined.), Nihittijärvi, 29. VII. 1937.

Peniophorae corticali et *P. cinereae* var. *Piceae* arcte affinis, sed videtur specificè diversa. A anteriore differt colore hymenii multo laetiore et hyphis tenuioribus, a posteriore hymenio nunquam rimuloso discrepat. Margine primum conspecte albobibrilloso a omnibus congeneribus distat.

Leurodiscus aurantius (Pers.) Schroet.

St: Noormarkku, Poosjoki, 25. VIII. 1937; Kankaanpää, Venesjärvi, 18. VIII. 1936, Santaskylä, 2. IX. 1935 et 22. VIII. 1937. — Ad ramos desiccatos *Alni glutinosae* et *A. incanae*.

Leurodiscus polygonioides (Karst.) Pilat, Ann. Myc., 24, 1926, p. 221. — Syn. *Lyomyces polygonioides* Karst.; *Corticium polygonioides* (Karst.), B. et G., Hym. de Fr., 1928, p. 227.

St: Noormarkku, inter lacus Sulkjärvi et Torajärvi, ad caudicem corticatum *Salicis capreae* magnae, prolapsae, 20. IX. 1937; Kankaanpää Venesjärvi, Sinahmi, ad ramum desiccatum *Salicis capreae*, 2. VI. 1937.

Sporae in speciminibus meis solum $5-7 \times 4-5 \mu$ diam.

Leurodiscus jennicus M. Laur. sp. n.

Resupinatus, orbicularis, deinde confluent, tenuis, 1–10 mm latus, ceraceo-mollis, submembranaceus, toto adnatus vel margine interdum laeviter prominente. Hymenium pulchre cinerascens-roseum, contiguum, laeve, subpruinatum. Margo distincte limitatus, obtusus, anguste albobubescens.



Fig. 2. *Aleurodiscus jennicus* M. Laur.
Paraphyses et sporae. — Auctor del.

Sporae ellipticae-ovoideae, vulgo uno latere applanatae, apiculatae, hyalino-subrosascentes, $10-14 \times 7-9 \mu$. Hymenium e basidis, gloeocystidis et paraphysibus conspectis numerosis constat. Basidia clavata, c. $40 \times 9-13 \mu$, 4-sterigmatibus arcuato-subulatis, ad 15μ longis et 3μ crassis. Paraphyses subcylindricae,

parte apicali appendicibus aculeiformibus, aequalibus numerosisque, hyalinae, c. $30 \times 3-6 \mu$; aculei $2.5-4 \times 1 \mu$. Gloeocystidia non prominentia, in hymenio sedentia vel saepe in strato subhymeniali immersa, oblongo-clavata, c. $40-90 \times 10-14 \mu$, succo oleoso hyalino vel flavo-granuloso facta. Trama crassit. c. 300μ (in KOH). Hyphae subhymeniales crebre subverticaliter intextae, valde guttulae, subhyalinae-flavescentes, saepe inflatibus oblongis. Hyphae tramae sublaxe irregulariter intricatae, hyalinae, laeves, nudae, saepe guttulae, membranis praesertim in trama basali laeviter incrassatis, crebre ramosae, subarticulato-septatae, ad septa non nodosae, $2-4 \mu$ crassae.

Hab. ad ramos *Piceae exelsae* desiccatae, in provincia S a t a k u n t a Fenniae occidentalis, aestate, leg. Matti Laurila.

St: K a n k a a n p ä ä, Venesjärvi, ad orientem versus ab lacu Sinahmi. 14. VI. 1935 (typus).

Species ex proxima affinitate forsan *Aleurodisci Oakesi* (Berk. et Curt.) Cke.

Merulieae

Phlebia centrifuga Karst. Hattsv. II, 1882, p. 89; Finl. Basidsv., 1889, p. 347. — Syn. *P. macra* Litsch.

Suborbicularis, resupinata, c. $0.4-0.5$ mm crassa, late (usque 20 cm) effusa, subgelatinosa, siccitate fragilis, cartilagineo-rigescens, facile a substrato separabilis. Hymenium contiguum, ad centrum versus papillis hemisphaericis inaequalibusque crebre ornatum (rarius siccitate sublaeve), ad marginem versus rugis humilibus subradiantibusque ornatum. Color hymenii primum albidus, siccitate luteo-subochraceus usque livido-violascens. Margo radialiter strigosus, ex albo fuscescens, primum adnatus, siccitate facile sedens et late involutus.

Sporae $6-9 \times 2.5-3 \mu$, oblongae, lateribus applanatis, ad basim versus attenuatae, oblique apiculatae, hyalinae, laeves, tenuiter tunicatae. Basidia oblongo-clavata, $16-30 \times 4.5-6.5$, sterigmatibus binis vel quaternis rectis, subulatis, ad 5μ longis. Hyphae subhymeniales creberrime verticaliter intextae, flexuosae, tenuiter tunicatae, hyalinae, c. 2μ crassae. Hyphae tramae laxius irregulariter intricatae, ramosae, hyalinae, laeves, glabrae, septato-nodosae, tenuiter tunicatae, $2-3.5 \mu$ crassae, basales substrato parallele decurrentes.

Stratum corticale c. 50 – 60 μ crassum ex hyphis fusciscentibus, conglutinatis parallelibusque. Hyphae entoxylae subhyalinae, fuscescentes, nudaе, sublaeves, 3 – 5 μ crassae, septato-nodosae, membranis incrassatis. In speciminibus vetustioribus hyphae trameae in strato crassit. usque ad 400 μ , vulgo creberrime verticaliter intextae, sed vir conglutinatae, 1.5 – 2.5 μ crassae, saepe guttulate, tenuiter tunicatae atque solum in trama basali crassiores et larius irregulariter intricatae sunt.

Ks: Kuusamo, in deserto silvoso ad septentrionem versus ab lacu Paanajärvi. Purnujärvi, 19. VI. 1937. Helotuksentunturi, 20. VI. 1937. Latvajärvi (prope montem Mäntytunturi), 23. VI. 1937 et Pahakuruntampi, 24. VI. 1937; Salla, inter lacus Auhtijärvi et Hosijärvi, Luhtasarenlampi, 30. VI. 1937, Niluttijärvi, 23. et 29. VII. 1937. – Ad corticem infra caudices prolapsos *Piceae excelsae* in silvis virgineis.

**Merulius rubicundus* Litsch. apud Pilat, Bull. Soc. Mycol. de France, 49, 1934, p. 293.

Sporae 3.5 – 5 \times 1 – 1.5 μ , subcylindricae, arcuatae, hyalinae, laeves, saepe 2- vel 3-guttulatae. Basidia c. 18 \times 3 – 4 μ . Cystidia sat sparsa, cylindrica, apice obtuso, 35 – 55 \times 4 – 6 μ , tenuiter tunicata, nuda, hyalina vel apice granulis muricellata, 10 – 20 μ prominentia. Hyphae subhymeniales crebre ramosae, tenuiter tunicatae, hyalinae, laeves, non incrassatae, 2 – 5 μ crassae, septatae, ad septa numquam nodosae.

St: Noormarkku. Poosjoki, 24. VIII. 1937; Siikainen, Vuorijärvi, 3. VI. et 24. XI. 1937; Kankaanpää, Venesjärvi, 3. VI. 1936 et Luomajärvi, 15. VIII. 1936. – Kb: Pielisjärvi, Kitsinvaara, Palkinvaara, 12. VII. 1936. – In ligno ad caudices dejectos trabesque *Pini silvestris*.

**Merulius rufus* Pers.

Rt: Turku, Ruissalo, ad ramum crassum dejectumque *Quercus roboris*, 9. IX. 1937.

Gyrophana himantioides (Fr.) B. et G. f. *umbrina* (Fr.). – Syn. *Merulius umbrinus* Fr.; *Gyrophana umbrina* B. et G., Hym. de Fr., 1928, p. 353; *G. squalida* (Pers.) Pat.

St: Kankaanpää, Venesjärvi, ad trabes cariosas pineas horrei destructi vetusti 3. VI. 1936.

Coniophorella umbrina (A. et S.) Bres. – Syn. *C. olivacea* (Fr.) Karst.; *C. atrocinerea* Karst.; *C. fulvo-olivacea* (Masse) B. et G.; *Coniophora Karstenii* Masse, Mon. Thelep. I. 1888, p. 134; *C. furva* Karst.; *C. fumosa* Karst. pro parte.

Species haec variabilissima in Fennia tota sine dubio frequenter provenit meridiem versus forsitan rarens. Color hymenii primum olivaceus mox colore sporarum coacervatarum etiam in margine carposomatis umbrino mutatur (*C. olivacea* \rightarrow *C. umbrina*). In speciminibus vetustioribus color hymenii obscure fusco-nigrescens est et cystidia vulgo parte prominula destructa sunt. *Coniophora furva* Karst. solum forma talis est. De speciminibus duobus *Coniophorae fumosae* in herbario Karstenii unum ad *Coniophorellam umbrinam*, alterum ad *Coniophoram aridam* pertinet. Etiam *Coniophora macra* Karst. ad *C. aridam* pertinet.

Stereaceae

**Stereum fasciatum* Schwein., Pilat, Hedw., 70, 1930, p. 45.

St: Noormarkku, Poikeljärvi, *Alnus glutinosa*, 18. IX. 1937; Siikainen, Vuorijärvi, *Alnus glutinosa*, 3. et 4. IX. 1936, Petkele, *Betula*, 28. VIII. 1936; Kankaanpää, Venesjärvi, *Alnus incana*, 18. VIII. 1936. — Kl: Kaukola, Hyypölä, *Alnus?*, 2. VIII. 1935.

In Fennia interdum in *Stereum hirsutum* transit.

**Stereum gausapatum* Fr.

Rt: Turku, Ruissalo, 19. II. et 10. IX. 1937. Ispoinen, 8. V. 1936 et 11. V. 1937; Raisio, Metsäkylä, 8. X. 1935. — Ad caudices et ramos *Quercus roboris* plerumque emortuos. In quercetis prope oppidum Turku jam antea a cel. L. E. Kari et cel. A. V. Auer collecta.

Stereum Chailleti Pers. — Syn. *Trichocarpus ambiguus* Karst.

St: Siikainen, Vuorijärvi, 24. VII. 1936; Kankaanpää, Venesjärvi, 22. IX. 1937. — Ad caudices prolapsos *Piceae excelsae*.

**Stereum sulcatum* Burt; Litsch. Arch. f. Protistenk., 72, 1930, p. 302.

Ks: Kuusamo, in deserto silvoso ad septentrionem versus ab lacu Paanajärvi, Purnujärvi, 19. VI. 1937; Salla, Auhtijärvi, Näätäjärvet, 30. VI. 1937, Hositunturi, 1. VII. 1937, Kutsajoki, Jyrhämajärvi, 25. VII. 1937. — In cortice et ligno ad caudices prolapsos *Piceae excelsae* in silvis virgineis.

Species haec, conspecte boreali-alpina, in Europa rarissima, antea tantum e Tirolia a cel. V. Litschauer collecta.

**Stereum Murrayi* (Berk. et Curt.) Burt var. *tuberculosum* (Fr.) Pilat, Hedw., 70, 1930, p. 90. — Syn. *S. Murrayi* B. et G., Hym. de Fr., 1928, p. 381; *S. tuberculosum* Fr.; Romell, Bot. Not., 1895, p. 70.

Ks: Kuusamo, in deserto silvoso ad septentrionem versus ab lacu Paanajärvi, in declivo orientali montis Helotuksentunturi, infra caudicem corticatum *Piceae excelsae* magnae, prolapsae in silva virginea, 20. VI. 1937.

Stereum fuscum (Schrad.) Quel. — Syn. *S. bicolor* Pers.

Rt: Turku, Ruissalo, *Quercus robur*, 19. XI. 1936. — St: Noormarkku Sulkjärvi, *Betula*, 20. IX. 1937 et Poosjärvi, *Sorbus aucuparia*, 23. IX. 1937; Siikainen, Vuorijärvi, *Betula*, 4. VI. 1937 et *Alnus*, 3. IX. 1936; Kankaanpää, Venesjärvi, *Betula*, 19. VIII. 1935 et 18. VIII. 1936, *Alnus incana*, 3. VI. 1936.

Stereum Karstenii Bres. B. et G., Hym. de Fr., 1928, p. 385.

St: Kankaanpää, Luomajärvi, ad caudicem decorticatum *Pinii silvestris* dejectae, 27. II. 1937.

Cystidia (in acido lactico visa) cylindrico-clavata, apicem versus sensim dilatata, c. 90–135 × 5–7 μ , nuda, hyalina, membranis ad basim versus solum laeviter incrassatis, lumine semper dilatato. *Cystidia* in KOH membranas valde turgescences habent ut vulgo apud species *Peniophorae* glebulosae affines.

De genere *Stereum* — sensu B. et G. — in Fennia jam 16 species diversae collectae sunt.

Hymenochaete cinnamomea (Pers.) Bres. – Syn. *Hymenochaetella rudis* Karst.; ? *H. arida* Karst. = *H. laxa* Karst.

Rt: Karkjalohja, Karkalinniemi, *Corylus avellana*, 3. X. 1937. – St: Noormarkku, Poosjoki, *Salix caprea*?, 25. VIII. 1937; Siikainen, Vuorijärvi, *Alnus glutinosa*, 3. VI. et 17. IX. 1937, *Alnus incana*, 6. IX. 1937. – Ks: Salla, Vuorijärvi, Pyhäkuru, *Sorbus aucuparia*, 5. VIII. 1937.

Hymenochaete fuliginosa (Pers.) Bres. – Syn. *Hymenochaetella fusca* Karst.

St: Pe markku, Valkjärvi, *Picea excelsa*, 24. VIII. 1936.

**Hymenochaete subfuliginosa* B. et G., Hym. de Fr., 1928, p. 391.

Rt: Turku, Ruissalo, ad ramos crassos decorticatos *Quercus roboris* dejectos, 19. IX. 1936 et 10. IX. 1937.

Sporae ellipticae, saepe uno latere applanatae, hyalinae, laeves, 4–5 × 2–2.5 μ, saepe 1-guttulatae. Basidia c. 40–45 × 3.5–4 μ, parte superiore hyalina, inferiore fusciscentia, sterigmatibus quaternis, ad 2.5 μ longis. Setae 50–90 × 5–7 μ, usque 65 μ basidia superantes, valde subulatae, laeves, intense ferrugineo-fuscae, crasse tunicatae, non incrustatae, irregulariter sat crebre dispositae. Trama subnulla, hyphae valde indistinctae, conglutinatae.

Species rarissima, ni fallimur, antea tantum semel in Gallia collecta. In speciminibus meis setae constanter magis subulatae quam apud *H. rubiginosam* sunt. Structura anatomica vix ab *H. fuliginosa* differt, sed colore hymenii rubiginoso diversa.

**Hymenochaete corrugata* (Fr.) Lévy.

St: Kankaanpää, Vihteljärvi, *Alnus incana*, 28. VIII. 1937. – Ks: Salla, Sieminkijoki, *Salix caprea*, 27. VII. 1937. – Ad caudices dejectos cortice orbatos.

Asterostromelleae

Vararia Karst., Finl. Basidsv., 1889, p. 417; Bidr. känn. Finl. nat. o. folk. 62, 1903, p. 96. – Syn. *Asterostromella* v. H. et. L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 773.

Vararia granulosa (Fr.) M. Laur. comb. n. – Syn. *Grandinia granulosa* Karst. saltem ultimis annis; *Asterostromella granulosa* B. et G., Hym. de Fr., 1928, p. 396.

St: Siikainen, Vuorijärvi, *Pinus silvestris*, 3. IX. 1936. – Ks: Salla, Sieminkijoki, *Pinus silvestris*, 27. VII. 1937, Niluttijärvi, *Picea excelsa*, 29. VII. 1937. – Ad caudices dejectos decorticatosque.

Asterostromaceae

Asterodon ferruginosum Pat. – Syn. *Aciella tomentosa* (Schrad.) Karst., Finl. Basidsv. i urval beskr. 1889, p. 148.

St: Siikainen, Vuorijärvi, *Betula*, 17. IX. 1937; Kankaanpää Venesjärvi, Kiimahohka, *Betula*, *Picea excelsa* et *Pinus silvestris* 16. VI. 1935 et 22. IX. 1937. – Kb: Pielisjärvi, Louhivaara, *Picea excelsa*, 19. VII. 1936. – Ks: Salla, Sieminkijoki, *Pinus silvestris*, 27. VII. 1937. – Ad truncos et caudices dejectos.

Hydnaceae

**Grandinia Brinkmannii* Bres. B. et G.

Rt: Turku, Ispoinen, *Tilia cordata*, 11. V. 1937. – St: Noormarkku, Poosjärvi, *Viburnum opulus*, 23. IX. 1937.

Grandinia raduloides (Karst.) B. et G., Hym. de Fr., 1928, p. 412. – Syn. *Hydnum raduloides* Karst.; *H. niceum* sensu Karst. pro parte; *H. fallax* sensu Karst. pro parte.

St: Siikainen, Vuorijärvi, 3. IX. 1936; Kankaanpää, Luomajärvi, 1. IX. 1937. – Ks: Kuusamo, ad septentrionem versus ab lacu Paanajärvi, Purnujärvi, 5. VII. 1937. – In ligno ad caudices dejectos *Betulae*.

**Aciacida* (Fr.) B. et G.

Rt: Karjalohja, Maila, ad caudicem corticatum *Alni incanae* prolapsae, 2. X. 1937.

**Acta stenodon* (Pers.) B. et G.

Kb: Pielijsjärvi, Louhivaara, supra hymenium *Inonoti obliqui* infra caudicem dejectum *Betulae*, 12. VII. 1936.

Odontia alutacea (Fr.) B. et G. – Syn. *Kneiffia stenospora* Karst.

St: Siikainen, Vuorijärvi, *Betula*, 29. VII. 1936; Kankaanpää, Vihteljärvi, *Picea excelsa*, 28. VII. 1937.

**Odontia hydnoides* (Cke et Mass.) v. Hoehn. – Syn. *Peniophora crystallina* v. H. et L.

Rt: Turku Ruissalo, *Quercus robur* et *Betula*, 9. IX. 1937. – St: Noormarkku, Sulkjärvi, *Tilia cordata*, 20. VIII. et 20. IX. 1937; Siikainen, Vuorijärvi, *Tilia cordata*, 1. IX. 1937 et *Betula*, 6. IX. 1937; Kankaanpää, Venesjärvi, *Alnus glutinosa*, 12. VI. 1937. – Ks: Salla, Kutsajoki, Jyrhämäjärvi, *Betula*, 31. VII. 1937. Vuorijärvi, Pyhäkuru, *Betula*, 5. VIII. 1937.

Dryodon cirrhatus (Pers.) Quel. – Syn. *Creolophus cirrhatus* Karst.

St: Siikainen, Haapakoski, *Betula*, 3. VIII. 1936; Kankaanpää, Venesjärvi, *Populus tremula*, 28. VIII. 1935 et *Betula*, 1. IX. 1936.

**Dryodon fragile* (Pers.) B. et G., Hym. de Fr., 1928, p. 444; Pilat, Bull. Soc. Mycol. de France, 51, 1936, p. 407.

St: Siikainen, Vuorijärvi, Itä-Suomilampi, ad caudicem basalem decorticatumque *Populi tremulae* oblique prolapsae in silva deserta montosaque; ab eadem arbore 5. VI. 1935 et 27. II. 1937.

Phylacteriaceae

**Caldesiella ferruginosa* (Fr.) Sacc.: B. et G., Hym. de Fr., 1928, p. 471.

St: Pormarkku, Längelmäki, Piispaulampi, ad corticem et lignum infra caudicem cariosum *Populi tremulae* magnae, dejectae in piceeto umbroso, 2. IX. 1937.

Kneiffiella bombycina Karst., Acta Soc. F. Fl. Fenn., 11, n:o 5, 1895, p. 1. - Syn. *K. barba Iovis* Karst., Finl. Basidsv., 1889, p. 371; *Tomentellina ferruginosa* v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1906, p. 1604.

Rt: Karjalohja, Karkalinniemi, ad caudicem *Betulae* prolapsae : X. 1937.

Tomentella isabellina (Fr.) B. et G.

St: Noormarkku, Sulkjärvi, *Betula*, 28. VII. 1936; Siikainen, Vuorijärvi, *Alnus glutinosa*, 17. IX. 1937.

Tomentella mucidula (Karst.) v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1906, p. 1572. - Syn. *Hypochnus mucidulus* Karst., Hattsv., II. 1882, p. 162; Finl. Basidsv., 1889, p. 441.

Effusa, tenuis, tomentoso-membranacea, arcte adhaerens, subcrustacea, porulosa vel denuo vulgo contigua, in sicco violascenti-brunneola, ambitu albo-fibrilloso vel subsimilari.

Sporae globosae, sat regulariter rotundatae, sat laxe aculeatae, laete fusciscentes, 6-9 μ diam. (sine aculeis); aculei c. 1.5 μ longi, subhyalini, relativiter late conici. Basidia 30-45 \times 7-8 μ , subhyalina, 4-sterigmatibus rectis vel laeviter arcuatis, subulatis, 6-9 μ longis. Hymenium relativiter densum e basidis et hyphis sterilibus, c. 2-4 μ crassis, saepe capitatis, non prominentibus formatum. Hyphae tramesales sat laxe subverticaliter intextae 1.5-2.5 (-4) μ crassae, subhyalinae, fusciscentes, septatae sed non nodosae, laeves, non incrustatae, tenuiter tunicatae, ad septa saepe (praesertim in parte superiore trames) inflatibus ampullaceis oblongis et tum usque 10 μ crassae.

St: Siikainen, Vuorijärvi, Vääräneva, ad corticem infra caudicem cariosum *Piceae excelsae* prostratae in piceeto umbroso, 6. IX. 1937.

Species rarissima antea forsitan tantum e loco classico comperta (Ta: Tammele Mustiala, Haarakorpi in ligno mucido, 9. X. 1878, leg. P. A. Karsten). Specimen meum commemoratum cum specimine originali in herb. Karstenii exacte congruit. Habitu externo *T. lividae* Litsch. sat similis, sed characteribus microscopicis valde distat.

**Tomentella punicea* (A. et S.) Schroet.

St: Kankaanpää, Luomajärvi, Vääränevan harju, ad caudicem humidum *Juniperi communis* desiccatae, 15. VIII. 1936.

[**Tomentella livida* Litsch., Sv. Bot. Tidskr., 26, 1932, p. 450.

Ta: Tammele Mustiala, Syrjä, ad lignum pineum carbonatum, 28. X. ?, leg. P. A. Karsten (sub nom. *Hypochnus mucidulus* Karst.)

Specimen Karstenianum cum specimine originali in herb. Uppsalae optime congruit.]

**Tomentella rubiginosa* (Bres.) R. Maire; B. et G., Hym. de Fr., 1928, p. 507.

Rt: Karjalohja, Karkalinniemi, ad lignum putridissimum infra caudicem *Populi tremulae* dejectae, 3. X. 1937.

**Tomentella coriaria* (Peck) B. et G., Hym. de Fr., 1928, p. 510.

Syn. *Hypochnus fulvocinctus* Bres.

Rt: Turku, Ruissalo, ad fontem Choraevi, infra ramum deciduum decorticatumque *Quercus roboris*, 9. IX. 1937.

**Tomentella fibrillosa* (Burt) B. et G., Hym. de Fr., 1928, p. 513.

Effusa, tenuis, 100 – 140 μ crassa, arachnoideo-submembranacea, adhaerens. albido-cinereascens, ambitu similari.

Sporae valde irregulares, angulato-globosae, subtriangulae, tuberculato verrucosae (non aculeatae), hyalinae, 3.5 – 6 μ . Basidia in hymenio laxo. subclavata, hyalina, 12 – 18 \times 4.5 – 6 μ , 4-sterigmatibus rectis vel laeviter arcuatis, subulatis, 2.5 – 3.5 μ longis. Hyphae laxae et irregulariter intricatae. sat crebre ramosae, distinctae, septato-nodosae (sed septis saepe minus distinctis), hyalinae, 2.5 – 3.5 μ crassae, membranis laeviter incrassatis, laevibus vel subtiliter asperis.

St: Noormarkku, Poosjoki, ad lignum cariosissimum infra caudicem putrescentem *Betulae* una cum *Peniophora byssoidea*, 25. VIII. 1937.

Specimen meum commemoratum forsitan hymenio magis membranaceo. vix reticulato a speciminibus americanis distat. An species diversa et nova?

Polyporaceae

Polyporoideae

Polyporellus arcularius (Batsch) Pilat. – Syn. *P. brumalis*, sensu Karstenii.

In provinciis Rt, St et Kl legi.

**Piptoporus pseudobetulinus* (Mur.) Pilat, Atlas d. Champ. Eur., Ser. B. Polyp. 1937, p. 123.

Ks: Kuusamo, in deserto silvoso ad septentrionem versus ab lacu Paanajärvi, Nuottilampi, ad truncum erectum, altum *Populi tremulae* magnae emortuaeque 20. VI. 1937.

Specimen vetustum, sterile qua de causa determinatio parum incerta.

**Leptoporus lapponicus* (Rom.) Pilat. – Syn. *Polyporus lapponicus* Romell, Ark. f. Bot., 11, no 3, 1911, p. 17, Sv. Bot. Tidskr., 20, 1926, p. 11; *Ungulina lapponica* Pilat, Bull. Soc. Mycol. de France, 49, 1934, p. 258.

Kb: Pielisjärvi, Kitsinvaara, Palkinvaara, 10. VII. 1936, Louhivaara, Kirkisenvaara 8. et 19. VII. 1936 et Haapavaara, 13. VII. 1936. – Ks: Kuusamo, ad septentrionem versus ab lacu Paanajärvi, Latvajärvi, prope montem Helotuksentunturi, 23. VI. 1937; Salla, Niluttijärvi, 29. VII. 1937 et Pyhäkuru, 5. VIII. 1937. – Ad caudices prolapsos *Piceae excelsae*.

Trametes heteromorpha (Fr.) Bres. – Syn. *Lenzites heteromorpha* Fr.; Bourd., Bull. Soc. Mycol. de France, 48, 1932, p. 227.

Rt: Turku, Pahanieniemi, 6. X. 1935; Kaarina, Littoinen, 23. IV. 1935. – St: Noormarkku, Poosjoki, 25. IX. 1937; Siikainen, Vuorijärvi, 6. IX. 1935 et 31. V. 1936; Kankaanpää, Venesjärvi, 18. VII. 1934, 14. VI. 1935 et 30. VII. 1936. – Ks: Kuusamo, ad septentrionem versus ab lacu Paanajärvi, Iso-Nuupajärvi, 25. VI. 1937. – Ad truncos *Piceae excelsae* crescit, semel etiam ad caudicem *Betulae* prostratae legi.

Trametes trabea (Pers.) B. et G., Hym. de Fr., 1928, p. 586. – Syn. *T. protracta* Fr.

Kb: Pielisjärvi, Kitsinvaara, Kangas-Piilo, 15. VIII. 1936. – Ks: Kuusamo, Paanajärvi, Lautavaara, 11. VII. 1937 et Kyökkäysvaara,

12. VII. 1937, Sovajoki, Tervajärvi, 11. VII. 1937; Salla, Tenniöjoki, Länahattu, 16. VII. 1937 et Koukkari, 16. VII. 1937, Korja, inter Tenniöjärvi et Näppäränkeitonkoski, 18. VII. 1937. — Ad traves vel caudices dejectos decorticatosque *Pinī silvestris* et *Piceae excelsae* crescit. Ad hanc speciem pertinet etiam *Trametes thelephoroides* Karst., Finl. Basidsv., 1889, p. 336.

Ganoderma lucidum (Leys.) Karst.

St: Noormarkku, Poosjärvi, ad truncum vetustum *Betulae*, 15. IX. 1937.

Phellinus isabellinus (Fr.) B. et G., Hym. de Fr., 1928, p. 622. — Syn. *Trametes tenuis* Karst.; *T. contigua* Karst., Bidr. känn. Finl. nat. o. folk. 51, 1892, p. 220.

St: Noormarkku, Poosjoki, *Picea excelsa*, 25. IX. 1937; Kankaanpää, Venesjärvi, *Pinus silvestris*, 25. VI. 1935. — Kb: Pielisjärvi, Kitsinvaara *Pinus silvestris*, 6. VII. 1936 et *Picea excelsa*, 10. VII. 1936. Louhivaara *Pinus silvestris*, 12. VII. 1936. — Ks: Kusamo, Paanajärvi, Takalomaa, *Pinus silvestris*, 11. VII. 1937, ad septentrionem versus ab lacu Paanajärvi, Helotuksenkuru, *Picea excelsa*, 26. VI. 1937, Kajanalampi, *Picea excelsa*, 24. VI. 1937; Salla, Nivajärvi, *Picea excelsa*, 3. VIII. 1937 et Kursuojankuru, *Picea excelsa*, 1. VIII. 1937. — In cortice et ligno caudicium dejectorum crescit.

Phellinus ferriugneo-fuscus (Karst.) Bourd., Bull. Soc. Mycol. de France, 48, 1932, p. 228. — Syn. *Poria ferrugineo-fusca* Karst.

St: Noormarkku, Poosjoki, 24. VIII. 1937. — Kb: Pielisjärvi, Kitsinvaara, Palkinvaara, 10. VII. 1936, Louhivaara, Kirkisenvaara, 8. VII. 1936 et Haapavaara, 13. VII. 1936. — Ks: sat frequenter in silvis virgineis in paroeciis Kusamo et Salla nobis occurrit. — Semper ad caudices prolapsos *Piceae excelsae* plerumque corticatos crescit.

**Phellinus nigro-limitatus* (Rom.) B. et G., Hym. de Fr., 1928, p. 622. — Syn. *Polyporus nigro-limitatus* Romell, Ark. f. Bot. 11, n:o 3, 1911, p. 18.

Kb: Pielisjärvi, Louhivaara, Ylinen Pitkäjärvi, ad caudicem decorticatum *Piceae excelsae* magnae prolapsae in silva virginea, 6. VII. 1936.

**Phellinus Friesianus* (Bres.) B. et G., Hym. de Fr., 1928, p. 623. Rt: Karjalohja, Karkalinniemi, *Corylus avellana*, 3. X. 1937. — St: Noormarkku, Poosjoki, *Salix caprea* (adhuc viva), 24. VIII. 1937. — Kl: Kurkijoki, Kuuppala, *Prunus padus*, 22. VI. 1936, Tervu, insula Vossina, *Salix cinerea*, 20. VI. 1936.

Inonotus leporinus (Fr.) Karst., Hattsv., II, 1882, p. 72. — Syn. *I. triqueter* Fr.

Haec species in provincia Ks frequenter vel sat frequenter provenit. — Ad basim caudicium truncorumque *Piceae excelsae* crescit. Semel etiam in arbore viva observavi.

**Poria subtilis* (Schrad.) Bres.; B. et G., Hym. de Fr., 1928, p. 656. — Syn. *Polyporus hymenocystis* Berk. et Br.

Rt: Turku, Ruissalo, *Quercus robur*, 19. II. et 10. IX. 1937. — St: Noormarkku, Sulkjärvi, in hymenio *Ungulinae fomentariae* ad *Betulam*, 8. VII. 1936 et Poosjärvi, *Betula*, 25. VII. 1937, *Sorbus aucuparia* et *Alnus glutinosa*,

23. IX. 1937; P o m a r k k u, Valkjärvi, *Betula*, 24. VIII. 1936; K a n k a a n p ä ä, Venesjärvi, 10. VI. 1935.

Poria aneirina (Smrft) Sacc.; B. et G., Hym. de Fr., 1928, p. 667. – Syn. *Caloporia aneirina* Karst.; *Physisporus serenus* Karst.

St: K a n k a a n p ä ä, Venesjärvi, ad ramos crassos dejectosque *Populi tremulae*, 10. VI. 1935 et Luomajärvi, *Populus tremula*, 6. IX. 1935.

**Poria resinascens* (Rom.) – Syn. *Polyporus resinascens* Romell, Ark. f. Bot., 11, n:o 3, 1911, p. 20.

Rt: K a a r i n a, Littoinen, ad truncum altum *Populi tremulae*, 20 IX. 1936. – St: S i i k a i n e n, Vuorijärvi, Itä-Suomilampi, ad caudicem *Populi tremulae* dejectae, 29. VIII. 1936.

Poria bombycina Fr.; B. et G., Hym. de Fr., 1928, p. 670. – Syn. *Physisporus hians* Karst.

Rt: K a r j a l o h j a, Karkalienniemi, in ligno ad caudicem basalem et ad radices *Piceae excelsae* olim prolapsae, 3. X. 1937. – St: N o o r m a r k k u, Poosjärvi, infra caudicem corticatum *Piceae excelsae* prostratae, 15. IX. 1937.

Poria lenis (Karst.) – Syn. *Physisporus lenis* Karst. Finl. Basidsv., 1889, p. 319; *Polyporus lenis* Romell, Ark. f. Bot., 11, n:o 3, 1911, p. 17; Sv. Bot. Tidskr., 20, 1926, p. 12; *Poria calcea* var. *coriacea* B. et G., Hym. de Fr., 1928, p. 674.

St: N o o r m a r k k u, Sulkjärvi, 20. VIII. 1937; S i i k a i n e n, Vuorijärvi, Itä-Suomilampi, 1. VI. 1936, 8. VI et 24. IX. 1937, Vääräneva 3. IX. 1936; K a n k a a n p ä ä, Venesjärvi 28. VIII. 1935. – In ligno putridissimo ad caudices dejectos *Pini silvestris*.

**Poria radula* Pers.; B. et G., Hym. de Fr., 1928, p. 678; Pilat, Bull. Soc. Mycol. de France, 48, 1932, p. 47.

Rt: K a r j a l o h j a, Karkalinniemi, ad caudicem putrescentem *Coryli avellanae*, 3. IX. 1937.

Poria byssina Pers., sensu Romellii. – Syn. *P. vulgaris* Fr., sensu Bresadolae; B. et G., Hym. de Fr., 1928, p. 679.

Rt: T u r k u, Ruissalo, ad ramos deciduos *Quercus roboris*, 9. IX. 1937.

Boletoidae

Boletus chrysenteron Bull.

Rt: T u r k u, Ruissalo, in querceto, 10. IX. 1937.

AGARICALES

Irmillaria robusta (A. et S.) Fr.

St: K a n k a a n p ä ä, Venesjärvi, in pineto aprico, 18. VIII. 1936.

**Lepiota parvannulata* Lasch.

Rt: K a r j a l o h j a, Karkalinniemi, in coryleto, 3. X. 1937. – St: N o o r m a r k k u, Poosjärvi, inter folia decidua in nemore uberrimo, 23. IX. 1937.

**Tricholoma nudum* (Bull.) Fr.

Rt: Raisio, Metsäkylä, in silva mixta, 8. X. 1935.

Mycena aurantiomarginata Fr.

St: Noormarkku, Sulkjärvi, in piceeto, 20. IX. 1937, Poosjärvi, in nemore uberrimo, 23. IX. 1937, Poosjoki, in silva mixta, 25. IX. 1937.

**Mycena inclinata* Fr.

Rt: Turku, Ruissalo, ad truncos *Quercus roboris*, 21. X. 1934 et 9. IX. 1937.

Mycena polygramma (Bull.) Fr.

Rt: Karjalohja, Karkalinniemi, ad caudicem cariosum *Coryli avellanae* 3. X. 1937.

Collybia acervata Fr.

St: Siikainen, Vuorijärvi, Itä-Suomilampi, in basi dura trunci vetusti *Pinii silvestris*, 29. VIII. 1936, Vääräneva, ad lignum putridissimum, 17. VIII. 1937.

Marasmus graminum (Lib.) Verk.

St: Kankaanpää, Venesjärvi, 1. IX. 1936.

**Pleurotus candidissimus* Berk. et Curt.; Pilat, Atlas des Champ. Eur., Ser. A. Pleurotus, 1935, p. 37.

Rt: Karjalohja, Karkalinniemi, *Sorbus aucuparia*, 3. X. 1937. - St: Noormarkku, Sulkjärvi, *Populus tremula* et *Sorbus aucuparia*, 5. IX. 1936, *Salix caprea*, 20. VIII. 1937, Poosjärvi, *Sorbus aucuparia*, 15. IX. 1937, Poikeljärvi, *Populus tremula*, 18. IX. 1937; Siikainen, Haapakoski, *Sorbus aucuparia*, 3. VIII. 1936, Vuorijärvi, 3. IX. 1936. - Ad lignum relative durum infra caudices tenuiores dejectos.

Lentinus ursinus Fr. - Syn. *Hemicybe ursina* Karst.

St: Siikainen, Vuorijärvi, ad caudicem *Betulae* prostratae, 6. IX. 1937; Kankaanpää, Venesjärvi, ad caudicem cariosissimum *Betulae* magnae, prolapsae, 14. VIII. 1937.

Lentinus omphalodes Fr.; R. Maire, Bull. Soc. Mycol. de France, 30, 1904, p. 207.

St: Pomarkku, Sulkjärvi, ad truncum *Piceae excelsae*, 5. IX. 1936 et (ab eodem trunco) 29. IX. 1937.

Entoloma ardosiacum (Bull.) Fr.

St: Kankaanpää, Luomajärvi, in silva aciculosa, 5. VIII. 1936.

Pholiota confragosa Fr.

St: Kankaanpää, Venesjärvi, Kiimahonka, ad caudicem cariosum *Betulae* prolapsae, 11. VIII. 1935 et (ab eodem loco), 22. IX. 1937.

**Pholiota spectabilis* Fr.

Rt: Turku, Ruissalo, ad truncum *Fraxini excelsioris*, 11. X. 1935.

Flammula astragalina Fr.

Rt: Raisio, Vatsela, ad lignum putrescens in piceeto declivi, 10. X. 1935.

Naucoria Tavastiensis Karst., Hattsv., I, 1879, p. 430.

St: Kankaanpää, Venesjärvi, Lintulahti, in prato paludoso, 28. VII. 1935 et 18. VIII. 1936.

Naucoria erinacea Fr.

Rt: Karjalohja, Karkalinniemi, ad caudicem desiccatum *Salicis cinereae*, 25. V. 1937.

**Crepidotus calolepis* Fr.

Rt: Parainen, prope templum, *Sorbus aucuparia*, 22. IX. 1935; Karjalohja, Maila, *Sorbus aucuparia*, 2. X. 1937. — St: Noormarkku, Sulkjärvi, *Populus tremula*, 28. VII. 1936, Poosjoki, *Populus tremula*, 25. IX. 1937; Siikainen, Petkele, *Populus tremula*, 24. VIII. 1936; Kankaanpää, Luomajärvi, *Populus tremula*, 31. V. 1936.

**Crepidotus Lundellii* Pilat apud Lundell et Nannf., Fungi exsicc. Suec. 1936, n:o 220.

Rt: Karjalohja, Maila, ad ramum decorticatum *Ulm*i deciduum, 2. X. 1937.

Cum speciminibus suecicis bene convenit.

Crepidotus inhonestus (Karst.) — Syn. *Phialocybe inhonesta* Karst., Finl. Basidsv., 1889, p. 233.

St: Noormarkku, Sulkjärvi, 5. IX. 1936 et 20. IX. 1937; Lavia, Aluskylä, Pyykoski, 26. VIII. 1936; Siikainen, Vuorijärvi, 29. VIII. 1936. — Ad corticem *Populi tremulae*.

Stropharia albonitens Fr.

St: Noormarkku, Kirkonkylä, Kivimäki, in prato, 25. IX. 1937.

**Stropharia squamosa* (Pers.) Fr.

St: Jämijärvi, Jyllinkoski, inter frustula lignea ad officinam serrarum, 7. VIII. 1936.

GASTEROMYCETES

Pisolithus tinctorius (Pers.) Cke. et Cauch. — Syn. *Polysaccum crassipes* DC.; *P. boreale* Karst.

St: Kankaanpää, Pohjankangas, Hietaharju, ad terram arenosam, duram in pineto sterili, 30. VIII. 1936.

**Bovistella pedicellatum* (Peck) Lloyd; Th. C. E. Fries, Sverig. Gasteromyc., 1921, p. 30.

St: Kankaanpää, Venesjärvi, Sinahmi, in pascuo graminoso et muscoso, 1. IX. 1936.

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SUOMENKIELINEN SELOSTUS.

UUSIA JA HARVINAISIA BASIDIOSIENIÄ SUOMESTA.

Kirjoituksessa esitetään levinneisyystietoja yhteensä 148:sta eri basidiosienilajista perustuen kirjoittajan vv. 1934–37 etupäässä maakunnista Rt, St, Kb ja Ks keräämään aineistoon. Lisäksi sisältää kirjoitus lajikuvauskuksia useista vähän tunnetuista lajeista. Suomelle uudet lajit, joita on yhteensä 80, ovat merkityt tähdellä. Seuraavat 3 lajia selitetään tieteelle uusiksi: *Corticium hiemale*, *Peniophora septentrionalis* ja *Aleurodiscus fennicus*.

